

## POWER ALLOCATION METHOD FOR MULTICAST SERVICES

## ABSTRACT OF THE DISCLOSURE

5           In a mobile telecommunication system (10), a number of  
user equipments (40-45) may receive multimedia broadcast  
multicast services. The method for power allocation and user  
assignment for MBMS services determines any number (K) of user  
equipments which may be served without complete cell area  
10 coverage (78). For more than K user equipments (40-45)  
requesting MBMS services, dedicated channels are assigned  
(84). For user equipments requesting MBMS service during a  
broadcast, such user equipment is assigned to the channel  
(broadcast or dedicated) with the lower power requirement, if  
15 power is available. If the user is assigned to the broadcast  
channel, and power is available, power of the broadcast  
channel is adjusted (108). Otherwise, the power of the  
broadcast channel is increased and no further power is  
indicated as being available (112).